

**DBP Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP21269b**

**Specification**

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**DBP Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q10586</a>
Reactivity	Human
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Calculated MW	34349

**DBP Antibody (C-term) - Additional Information**

**Gene ID** 1628

**Other Names**

D site-binding protein, Albumin D box-binding protein, Albumin D-element-binding protein, Tax-responsive enhancer element-binding protein 302, TaxREB302, DBP

**Target/Specificity**

This DBP antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 233-266 amino acids from the C-terminal region of human DBP.

**Dilution**

WB~~1:2000  
E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

DBP Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**DBP Antibody (C-term) - Protein Information**

**Name** DBP

**Function** This transcriptional activator recognizes and binds to the sequence 5'-RTTAYGTAAY-3' found in the promoter of genes such as albumin, CYP2A4 and CYP2A5. It is not essential for

circadian rhythm generation, but modulates important clock output genes. May be a direct target for regulation by the circadian pacemaker component clock. May affect circadian period and sleep regulation.

#### Cellular Location

Nucleus.

#### Tissue Location

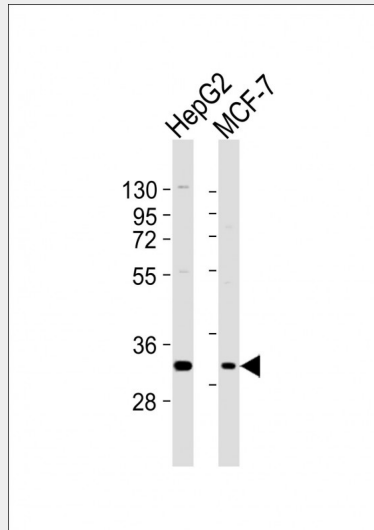
Ubiquitously expressed. Expressed in the suprachiasmatic nuclei (SCN) and in most peripheral tissues, with a strong circadian rhythmicity

### DBP Antibody (C-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### DBP Antibody (C-term) - Images



All lanes : Anti-DBP Antibody (C-term) at 1:2000 dilution Lane 1: HepG2 whole cell lysates Lane 2: MCF-7 whole cell lysates Lysates/proteins at 20  $\mu$ g per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 34 kDa Blocking/Dilution buffer: 5% NFDN/TBST.

### DBP Antibody (C-term) - Background

This transcriptional activator recognizes and binds to the sequence 5'-RTTAYGTAAY-3' found in the promoter of genes such as albumin, CYP2A4 and CYP2A5. It is not essential for circadian rhythm generation, but modulates important clock output genes. May be a direct target for regulation by the circadian pacemaker component clock. May affect circadian period and sleep regulation.

**DBP Antibody (C-term) - References**

Khatib Z.A., et al. *Genomics* 23:344-351(1994).

Shutler G., et al. *Genomics* 34:334-339(1996).

Yu W., et al. *Genome Res.* 7:353-358(1997).

Kalnine N., et al. Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

Mural R.J., et al. Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.